[illegible]

P7

4. [illegible] - [illegible]

[illegible] F1 [illegible] F1 [illegible]

5. [illegible]

P7

6. [illegible]

P6

[illegible]

[illegible]

[illegible]

- [illegible]
- AA×AA
- AA×Aa
- AA×aa
- Aa×Aa
- Aa×aa
- aa×aa

- [illegible]
- [illegible] =1:1
- [illegible] =3:1
- [illegible]
- [illegible]

[illegible] 1. [illegible]

[illegible]

[illegible]

[illegible]	[illegible]	F1 [illegible]	
		[illegible]	[illegible]
[illegible]	[illegible]×[illegible]	405	411
[illegible]	[illegible]×[illegible]	807	0
[illegible]	[illegible]×[illegible]	1240	413

1. [illegible] × [illegible] →[illegible] [illegible]

2. [illegible] × [illegible]→[illegible] + [illegible] [illegible]

3. [illegible] × [illegible]→[illegible] : [illegible] =3:1

[illegible]1.[illegible]

1. [illegible] × [illegible] →[illegible]　　[illegible]

2. [illegible] × [illegible]→[illegible] + [illegible]　　[illegible]

3. [illegible] × [illegible]→[illegible] : [illegible] =3:1

[illegible]

[illegible]

[illegible]

[illegible]2.[illegible]

1.[illegible] ([illegible])

2.[illegible] ([illegible])

3.[illegible]

1.[illegible]

2.[illegible] P8 [illegible] T1 [illegible]

3.[illegible] P8T3 [illegible]

[illegible]

[illegible]3.[illegible]

[illegible]

1. [illegible]F1×[illegible]→[illegible]:[illegible]=1:1

2. [illegible]F1[illegible],[illegible]F2[illegible]:[illegible]=3:1

3. [illegible]

[illegible]F_1[illegible]F_1[illegible]
[illegible]
[illegible]1:1[illegible]

[illegible]1[illegible]:

[illegible]2[illegible]

[illegible] ______________ [illegible]
[illegible] ______________________________. [illegible] F_1 [illegible]
[illegible] 1:1

3-2 (2016 河北冀州中学上学期期中,24) 水稻中非糯性(W)对糯性(w)为显性,非糯性品系所含淀粉遇碘呈蓝黑色,糯性品系所含淀粉遇碘呈红褐色。下面是对纯种的非糯性与糯性水稻的杂交后代进行观察的结果,其中能直接证明孟德尔的基因分离定律的一项是 (C)

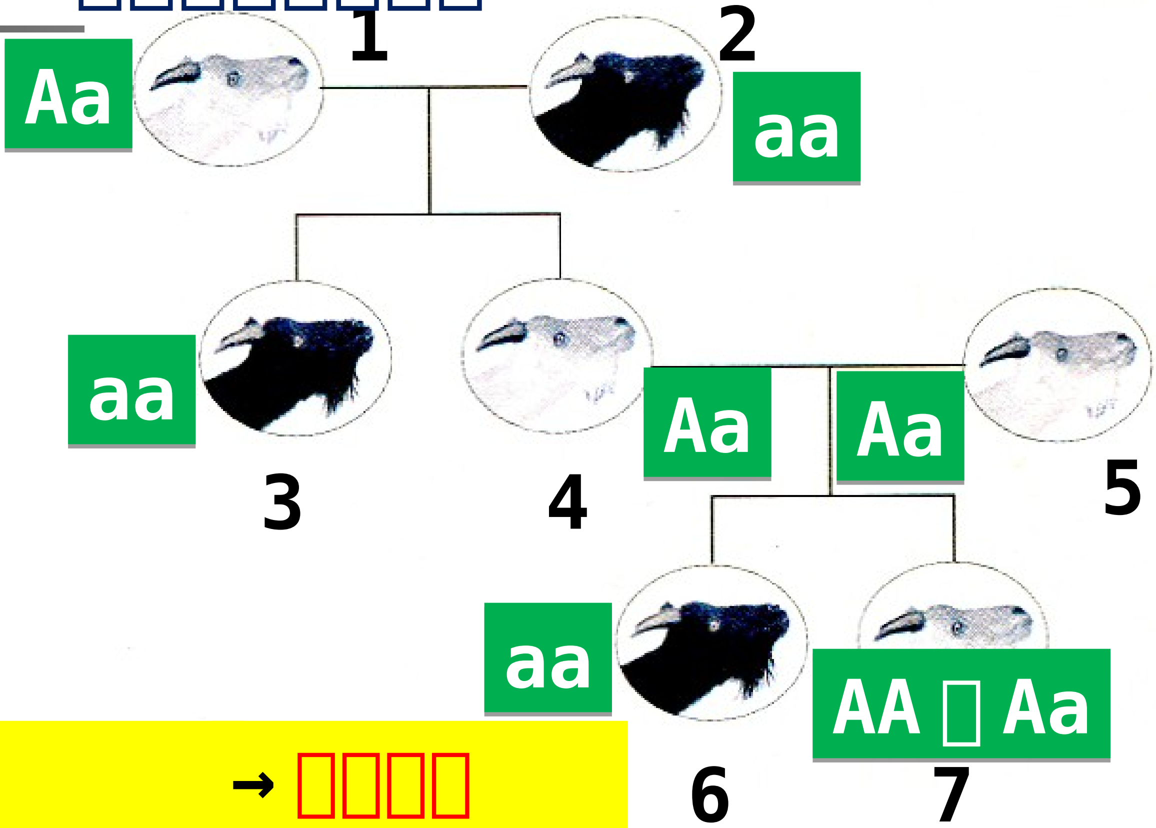
A.杂交后亲本植株上结出的种子(F_1)遇碘全部呈蓝黑色

B.F_1 自交后结出的种子(F_2)遇碘后,3/4 呈蓝黑色,1/4 呈红褐色

C.F_1 产生的花粉遇碘后,一半呈蓝黑色,一半呈红褐色

D.F_1 测交所结出的种子遇碘后,一半呈蓝黑色,一半呈红褐色

□□□□□□□4.□□□□□□□□



1.□□□□□□□□
□□□□□□□□□□□□
□□□□□□______□□______□
□4□□5□□□□□□
□□□□□______3/4□
□4□□5□□□□□□□□
□□□□□______2/3□

□□□ →□□□□□□□□ →□□□□

2.□7□□□□□□□□□□□□□
□□□□□□□□□□□□______Aa(□):aa(□)=2:1______□
□□□□□□□□□______□2/3□□□□□□□□□□______□ 1/3
□□□□□□□□□______□1/3

□□□□□□□4. □□□□□□□□

1. □□□□　2. □□□□□

□□□□(B)□□□(b)□□□,□□□□□□□□□□□□□□□,

□□□F1□□□□□□□F2□,□F2□□□□□□□□□□,□

□□□□□□□□,□□F3□□

□F3□□□□□□□□______________________;

□□□□□□______**BB□Bb□bb=4□4□1**______;

□□□□□□□□□□□□□□□□□□□□□□ **□□□□=8□1**

□F3□□□□□□□□______________________;

□□□□□□______**BB□Bb□bb=3□2□1**______;

□□□□□=5□1

[illegible] 4. [illegible]

1. [illegible] **2.** [illegible]

[illegible] **P7 T3** [illegible] 1. [illegible]

[illegible]

[illegible] （ ）

A.1/3　　B.1/2　　C.6/11

D.11/12

C

3. [illegible] [illegible] [illegible] [illegible] [illegible]

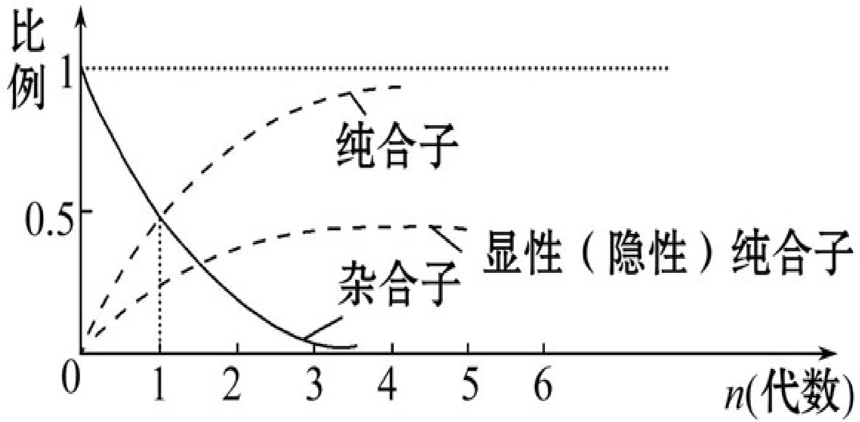
1/24

1/12

[illegible] 5. [illegible]

Aa [illegible] n [illegible]

- [illegible] $1/2^n$
- [illegible] $1-1/2^n$
- [illegible] $1/2-1/2^n$
- [illegible] $1/2-1/2^n$
- [illegible] $1/2+1/2^{n+1}$
- [illegible] $1/2-1/2^{n+1}$



[illegible]

[illegible]

[illegible]

[illegible] 1. [illegible]

1. [illegible] C
2. [illegible] ABD

1. [illegible] Aa [illegible] （ ）

C

A. [illegible] 2:3:1 [illegible] 50% [illegible]

B. [illegible] 4:4:1 [illegible] 50% [illegible]

C. [illegible] 2:2:1 [illegible] 50% [illegible]

D. [illegible] 1:2:1 [illegible] 50% [illegible]

2:4:1

[illegible]1.[illegible]

1.[illegible]
2.[illegible]

2.[illegible]A[illegible]a[illegible]a[illegible]A[illegible]Aa[illegible]F2[illegible]F2[illegible]A. 1[illegible]1

B. 3[illegible]1　　C. 5[illegible]1　　D. 7[illegible]1

C

[illegible] 1. [illegible]

1. [illegible]
2. [illegible]

3.① [illegible] A [illegible] a [illegible] AA [illegible] [illegible] ____________ [illegible]

2/5

② [illegible] “[illegible] AA [illegible] AA [illegible] [illegible] ______ [illegible]

2/3

③ [illegible] ______”

1/2

[illegible] 2. [illegible]

[illegible]

4. [illegible] 5 [illegible] : 1 [illegible] ____________

1/3

[illegible] 3. [illegible]

5. [illegible]

(　　　)　　　　　　　　　　　　C

[illegible]	HH	Hh	hh
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

A. [illegible]

B [illegible]

C [illegible] Hh [illegible] 1:1

D [illegible]

[illegible] 4. [illegible]

6. [illegible] ABO [illegible] 3 [illegible] I^A [illegible] I^B [illegible] i [illegible] I^A [illegible] I^B [illegible] i [illegible] I^A [illegible] I^B [illegible] I^A [illegible] I^B [illegible]

[illegible] 1 [illegible]

[illegible]

[illegible] 2 [illegible] A [illegible] B [illegible] 0 [illegible]

[illegible]

[illegible] 4. [illegible]

7. [illegible] C^b — [illegible] C^s — [illegible] C^c — [illegible] C^x — [illegible] (　　　　)

[illegible]	[illegible]	[illegible]			
		[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible] × [illegible]	22	0	0	7
2	[illegible] × [illegible]	10	9	0	0
3	[illegible] × [illegible]	0	0	30	11
4	[illegible] × [illegible]	0	23	11	12

A

A [illegible]

B [illegible] 6 [illegible]

C [illegible]

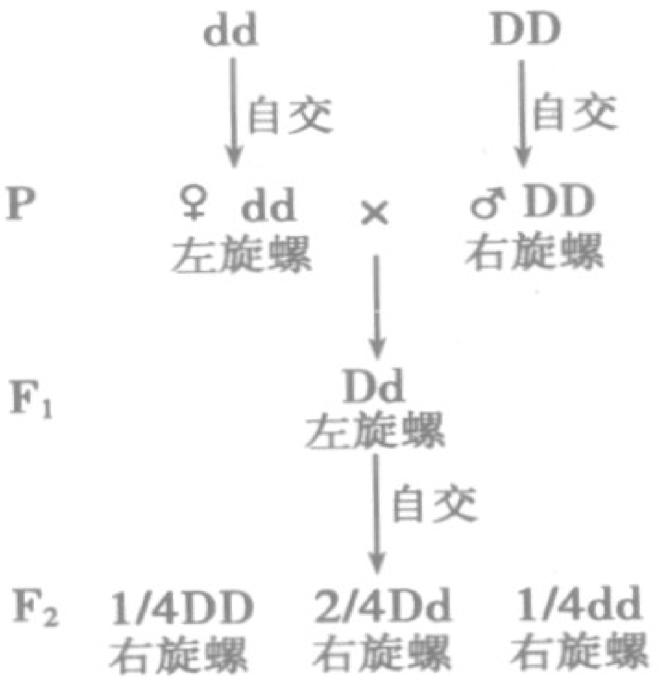
D [illegible]

□□□□□5. □□□□

8.“□□□□”□□“□□□□”□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

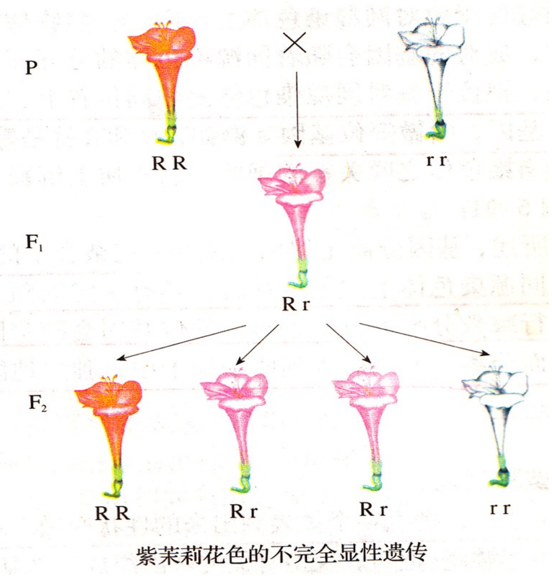
① □□□□□□□□□□□□□□□□□____________□□□□□□□□□□□□□□□□□□______________□ dd□Dd

② □□□□□□□□□□□□□□□ DD□Dd□dd □□□□□□□□□□□□□□□□□□□□□□□F1□□□□□□□□□□□□□______________□□□□□□□□□□□□□□□□□□□□□□______________□ □□□ □□□□□□□□□□□□□□□□



□□□

F1 [illegible] 3 [illegible] 1 [illegible]



1. [illegible]

[illegible]

2. [illegible]

[illegible]

3. F1 [illegible] D [illegible] d [illegible]

[illegible]

4. [illegible]

[illegible]

5. [illegible]

[illegible] [illegible]

[illegible]

[illegible]